

IN THE ABSTRACT:

Please replace the originally filed Abstract with the following new Abstract:

A wireless communications system including a mobile terminal and a mobile receiver. The receiver includes: a reception level acquisition section for acquiring reception levels of wireless signals, wherein the reception level acquisition section measures the reception levels of signals; a transmission level acquisition section for acquiring transmission levels of the terminal, wherein the transmission level acquisition section retrieves transmission levels of the terminal contained in signals; a difference value calculation section for calculating respective difference values between the transmission levels and the reception levels; and relative distance estimation section for estimating a relative distance to the terminal in accordance with the respective difference values. The reception level acquisition section retrieves reception levels of signals sent from the wireless communications apparatus to the terminal contained in signals of the terminal; and the transmission level acquisition section measures a transmission level of the wireless communications apparatus to the terminal.